



Cleaning agent and method for cleaning ultrafiltration membranes in electrophoretic dip coating installations

Description of Technology: The invention relates to cleaning agents for ultrafiltration membranes in ultrafiltration units of electro-dipcoating plants. The invention relates also to a process for cleaning ultrafiltration membranes using the cleaning agents.

Patent Listing:

1. **US Patent No. 6,843,856**, Issued January 18, 2005, "Cleaning agent and method for cleaning ultrafiltration membranes in electrophoretic dip coating installations"

<http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=%2Fnetacgi%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN%2F6843856>

Market Potential: Electro-dipcoating (EDC) is widely used in industrial lacquering both as anodic dipcoating (ADC) and, especially, as cathodic dipcoating (CDC). In particular, it is used, for example, as CDC in the automotive industry for applying the anticorrosive primer coating layer to motor vehicle bodies.

The object of the invention is to provide cleaning agents that are more effective as compared with the prior art, and processes for cleaning EDL ultrafiltration membranes.

The object can be achieved if aqueous cleaning agents containing EDL binders overneutralised with neutralising agent are used for the cleaning of EDL ultrafiltration membranes, for example ultrafiltration membranes contained in EDL ultrafiltration modules of EDL ultrafiltration units.

Benefits:

- Greater effectiveness of cleaning agents
- Provides a process for cleaning EDL ultrafiltration membranes

Applications:

- Automotive industry

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